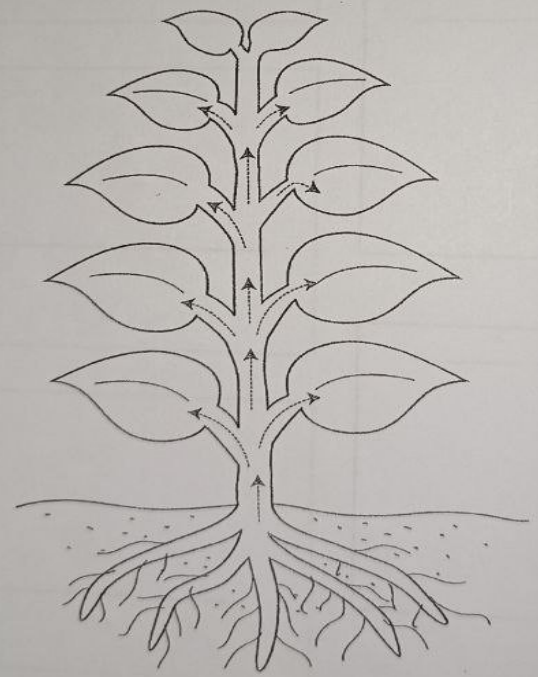
Stem

The stem holds a plant upright. It carries water upwards from the roots to other parts of the plant.

Trace the dotted lines to see how water is carried from the roots to the other parts of the plant through the stem.



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Edible underground stems

Some plants have special stems that store food and water. Potato and ginger are plant parts that grow below the ground. They are called underground stems.

Colour the underground stem.
Then trace the word.

potato

ginger

water chestnut

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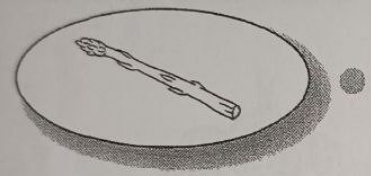
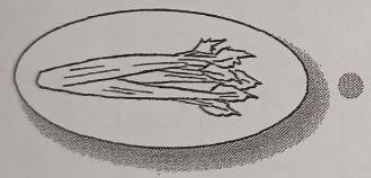
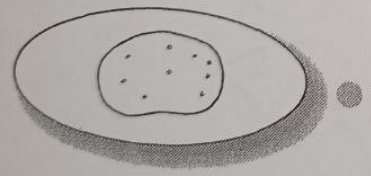
Edible stems

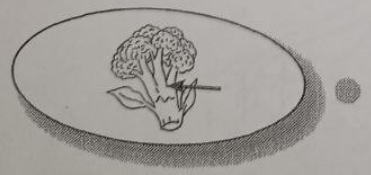
Some of the vegetables we eat are stems. Asparagus, potato, celery and broccoli are stems.

Match each picture to its name.









- broccoli
- asparagus
- potato
- celery

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Roots

Roots help to hold the plant firmly to the ground. They stop the plant from being blown away by the wind or be pulled out by animals.

The roots also take in water and minerals from the soil.

Some plants have special roots — storage roots, breathing roots, clasping roots and prop roots. They help the plant to grow.

storage root

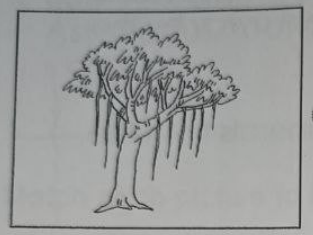
breathing roots

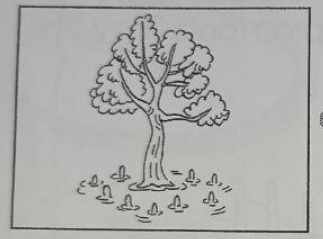
clasping roots

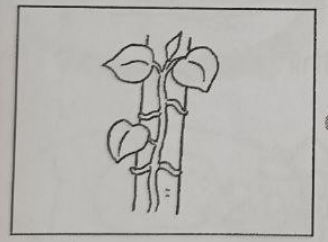
prop roots

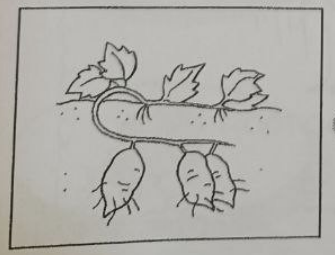
Types of roots

Match each picture with their roots.









- prop roots
- storage roots
- breathing roots
- clasping roots

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Edible roots

Some roots can be eaten. We call them root vegetables. Carrot, tapioca, sweet potato and radish are edible roots.

Colour the root vegetables.

carrot

corn

potato

tapioca

pea

groundnut

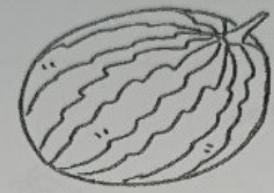
sweet potato

radish

Fruits and vegetables

Circle the fruits.
Colour the vegetables.

lady's finger



watermelon

tomato

grapes

chilli

cucumber

capsicum

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Plant parts

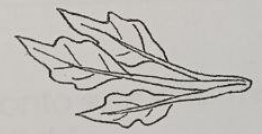
Which part of the plant does each vegetable belong to?
Write the correct number in the box.

sweet potato ☐

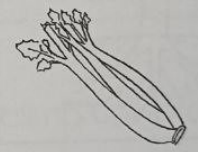
tomato ☐

snow pea ☐

broccoli ☐



spinach ☐



celery ☐

1 – flower
2 – leaf
3 – root
4 – fruit
5 – stem
6 – seed

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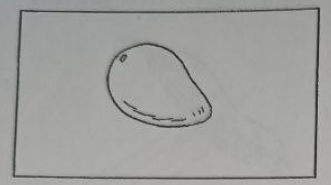
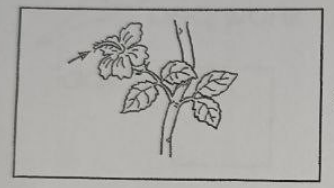
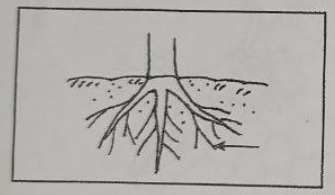
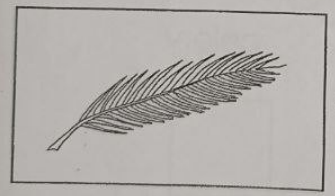
More plant parts

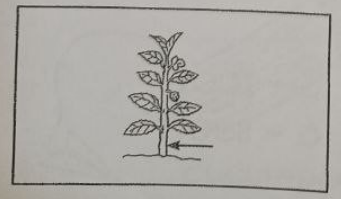
Match each picture with the correct plant part.











- flower
- stem
- root
- fruit
- leaf

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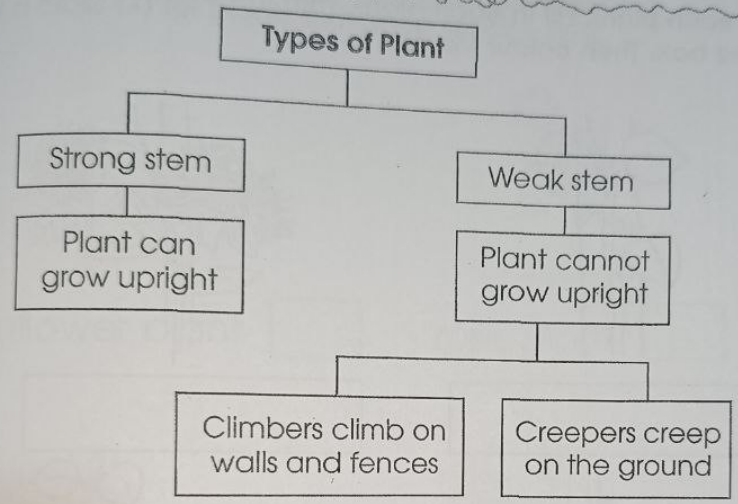
Land plants



Climbers climb onto supports. They climb upwards to get more sunlight.

- The money plant has roots that cling onto sticks for support.
- The passion plant has tendrils that cling onto other plants for support.
- The morning glory wraps around fences for support.

Creepers such as the strawberry plant and sweet potato plant creep on the ground to get more sunlight.

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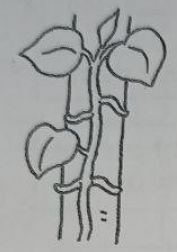
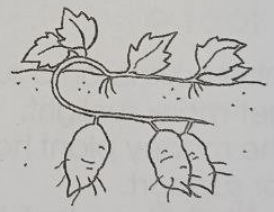
Climbers and creepers

Name each plant. Fill in each blank with the correct word from the box. Then colour the plants.





money plant
morning glory plant
passion fruit plant
sweet potato plant

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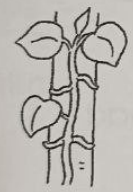
strong and weak stems

Put a tick (✓) for plants that have strong stems.
Put a cross (✗) for plants that have weak stems.

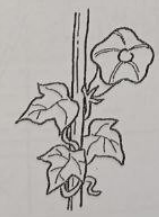
sunflower plant ☐

rose plant ☐



money plant ☐

hibiscus plant ☐



morning glory plant ☐

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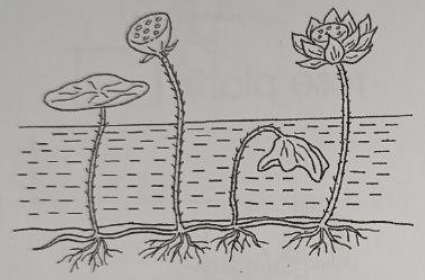
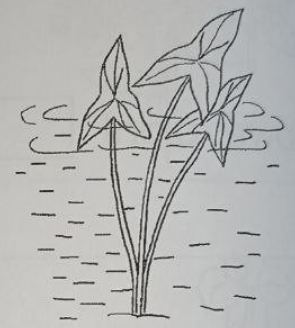
Water plants

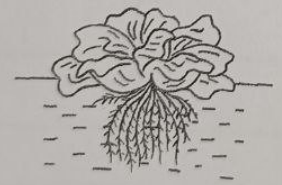
Some water plants float on water. Some plants stay completely underwater. Some plants have their roots in the soil but their leaves and flowers are above the water.



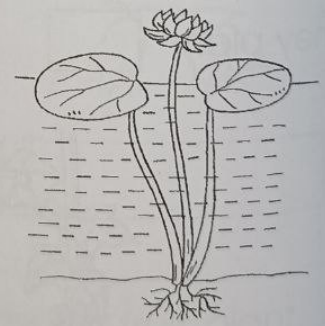
lotus plant



arrowhead



water lettuce



water lily

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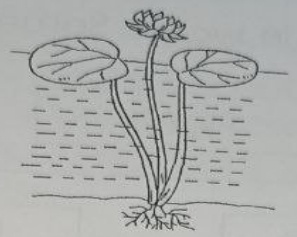
Write the name of each plant in the correct column.

water hyacinth



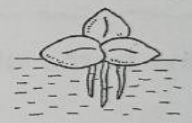
water lily

arrowhead

hydrilla

elodea

water lettuce



duckweed

Float on water	Partly underwater	Completely underwater

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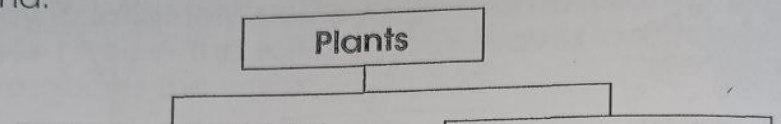
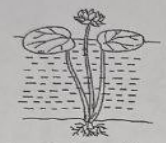
Land and water plants

Some plants grow in water. Some plants grow on land.





water lily

ixora

Write the name of each plant in the correct column.

bird's nest fern

hydrilla

arrowhead

rose plant

Water plants	Land plants

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